

ABSTRACT

A means and method whereby ions from an ion source can be selected and transferred via a multipole analyzer system in such a way that ions are trapped and analyzed by inductive detection. Ions generated at an elevated pressure are transferred by a pump and capillary system into a multipole device. The multipole device is composed of one analyzing section with two trapping sections at both sides. When the proper voltages are applied, the trapping sections trap ions within the analyzing region. The ions are then detected by two sets of detection electrodes.

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